



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/643,048
Filing Date	August 18, 2003
First Named Inventor	William F. Lauersdorf
Art Unit	
Examiner Name	
Attorney Docket Number	FIB 0093 12/40273.104/14309

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number * Kind Code <sup>2</sup> (if known)			
BFA		US- 2,980,153	04/18/1961	Burch	
		US- 3,372,408	03/12/1968	Luger et al.	
		US- 3,619,228	11/09/1971	Hallonquist et al.	
		US- 4,760,811	08/02/1988	Hopper	
		US- 5,036,788	08/06/1991	Unger	
		US- 5,192,809	03/09/1993	Jones et al.	
		US- 5,207,172	05/04/1993	Wolter	
		US- 5,244,941	09/14/1993	Bruckbauer et al.	
		US- 5,266,245	11/30/1993	Wellings	
		US- 5,277,145	01/11/1994	Hordis	
		US- 5,372,763	12/13/1994	Hordis	
		US- 5,457,152	10/10/1995	Gaa et al.	
		US- 5,549,969	08/27/1996	Parish	
		US- 5,601,049	02/11/1997	Hordis et al.	
		US- 5,613,342	03/25/1997	Nelson	
		US- 5,628,949	05/13/1997	Bordener	
		US- 5,747,154	05/05/1998	Minghetti et al.	
		US- 5,758,594	06/02/1998	Siewert	
BFA		US- 5,843,221	12/01/1998	Parish	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> * Number * Kind Code <sup>4</sup> (if known)				
BFA		FR 1374860	08/31/1964	Olivier et al.		

Examiner  
Signature

D. J. Muser

Date  
Considered

6/27/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Compleat if Known**

Application Number	10/643,048
Filing Date	August 18, 2003
First Named Inventor	William F. Lauersdorf
Art Unit	
Examiner Name	
Attorney Docket Number	FIB 0093 12/40273.104/14309

Sheet 2 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
WJ/m		US- 5,853,650	12/29/1998	Lonno et al.	
		US- 5,865,231	02/02/1999	Korhonen et al.	
		US- 5,885,503	03/23/1999	Bordener	
		US- 5,976,670	11/02/1999	Fugazzi	
		US- 6,032,606	03/07/2000	Fulks	
		US- 6,153,682	11/28/2000	Bannat et al.	
		US- 6,155,021	12/05/2000	Swingle	
		US- 6,177,499 B1	01/23/2001	Minghetti	
		US- 6,265,027 B1	07/24/2001	Johnston et al.	
		US- 6,406,659 B1	06/18/2002	Lang et al.	
		US- 6,218,458 B1	04/17/2001	Vidaurre et al.	
		US- 5,204,033	04/20/1993	Pearce et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

B. J. Misen

Date  
Considered

6/27/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/643,048
				Filing Date	August 18, 2003
				First Named Inventor	William F. Lauersdorf
				Art Unit	
Examiner Name					
Sheet	3	of	3	Attorney Docket Number	FIB 0093 12/40273.104/14309

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Kym		Certified Composites Technician-Marine; Composites Manufacturing Processes, Study Module 2 Topics, 2001 Composites Fabricators Association, pgs. 2-1 - 2-7 and 4-6	
Kym		Certified Composites Technician-Marine; Composites Materials for Boat Building, Study Module 3 Topics, 2001 Composites Fabricators Association, pgs. 3-1 - 3-10 and 12-17	
Kym		Certified Composites Technician-Marine; Marine Laminating Techniques Study Module 5 Topics, 2001 Composites Fabricators Association, pgs. 5-1 - 5-13 and 2-19	

Examiner Signature	<i>BD M...</i>	Date Considered	6/27/05
--------------------	----------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.